



## Welcome!

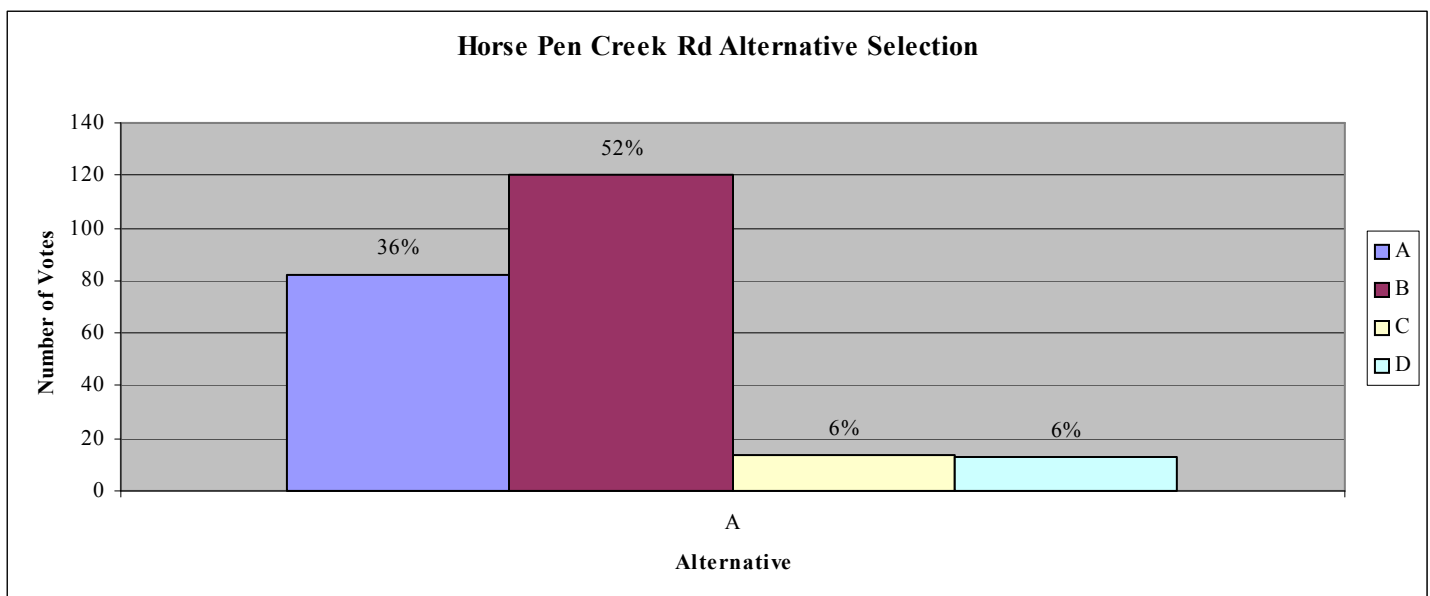
Welcome and thanks for participating in this public meeting for the Horse Pen Creek Road Project Planning Study. Horse Pen Creek Road extends approximately 3.4 miles between Battleground Avenue / US 220 on the north to New Garden Road on the south. The purpose of this planning study is to develop improvements for Horse Pen Creek Rd in order to serve future volumes, relieve congestion, address growth, improve safety, and provide enhanced pedestrian and bicycle mobility.

This public meeting is to get your feedback on the recommended alternative for improvements to Horse Pen Creek Road. We welcome your comments and encourage you to talk to our project team members. This handout will provide you with survey results and a layout of the recommended alternative. Please take some time to review the map and other information on display around the room.

## Survey Results

Since the first public meeting for Horse Pen Creek Road, held April 30, 2009, the project team has compiled all of the public feedback and developed a recommended alternative based off of that feedback. The design that was chosen was the 4-lane roadway with landscaped median. This selection is based off a final count of 229 submitted surveys from the first public meeting with an additional 22 emailed surveys.

From the public comments, the main reason for the selection of this alternative is that it is “aesthetically pleasing”, followed closely by being “safer”. The most important issue facing Horse Pen Creek Rd was found to be the need for “intersection improvements”. The following chart shows the results from the public feedback regarding the Alternative Selection. From the chart, you can see that the roadway design selected by 52% was Alternative B, which is the 4-lane roadway with landscaped median.



*A: 5 lane section with center turn lane(36%); B: 4 lane section with landscaped median(52%); C: Neither(6%); and D: Other(6%)*

## Improvements over Horse Pen Creek

Another task the project team has undertaken since the first public meeting is evaluating methods of making improvements over Horse Pen Creek. In order to widen the road and construct bike lanes and sidewalk, the existing culvert system must be modified. The first method that was analyzed to achieve this was extending the existing culverts and adding an additional barrel. The cost of this option was \$1.4M. The second method that was considered was a three span bridge at a cost of \$2M.

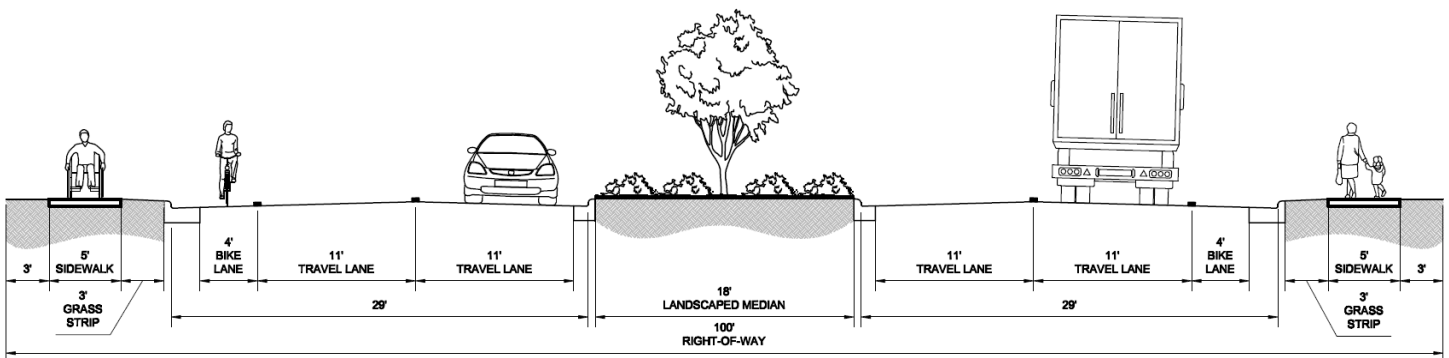
While adding a fifth barrel to the existing culvert appears on a preliminary level to be the most cost effective solution for modifying this structure, it may not be the most beneficial solution when considering the long term. When it comes to key factors of consideration such as drainage, accommodation for the Bicentennial Trail, flexibility for future concerns regarding development and runoff, and environmental impact, the bridge option was found to be the most viable.



*Culverts passing Horse Pen Creek under roadway*

## Recommended Alternative

### 4 Lane with Landscaped Median



### Features

- 100' right-of-way (width varies at intersections)
- 18' landscaped median with turn lanes
- 5' Sidewalk on both sides
- 4' bike lanes
- Preliminary cost estimate - \$28 million

## What's Next?

Based on the comments received and the preliminary study findings, the project team will finalize the recommended concept for improvements to Horse Pen Creek Road. This will mark the completion of the planning study and the project will then move to design, right-of-way acquisition, and construction.

### Tentative Schedule

- Complete Project Planning Study ..... Winter 2009
- Complete Survey / Design ..... Winter 2011
- Complete Right-of-Way Acquisition and Utility Relocation ..... Summer 2014
- Complete Construction ..... Summer 2017

**You can follow the Horse Pen Creek Road Project Planning Study or submit comments online at...**

*Please be sure to fill out a comment form before you leave.*

<http://www.greensboro-nc.gov/horsepenecreek/>